

Description & Function:

HydroCUT® is an off white free flowing granular polymer designed to assist the PolyCUT System in controlling fluid loss to the formation face as well as controlling the build up of solids generated during excavation.

General Application Instructions:

The HydroCUT technology is specifically designed to assist the PolyCUT System in controlling fluid loss to the formation face. By controlling the fluid loss, less slurry is required during excavation.

The HydroCUT technology was also designed to assist the PolyCUT System in controlling the fines generated during excavation. The addition of HydroCUT allows for the fines to be controlled in situ allowing for more efficient removal in the solids handling equipment.

The addition of HydroCUT allows for the excavation of soils containing soft and/or moist clays, shales, mudstone, fine sandstone, tills and silts.

As the PolyCUT System is returned from the panel to the plant the cuttings are typically removed by the hydro-cyclones and the shakers with such efficiency that the resulting slurry is within retained solids, or density specifications. At this point the recovered slurry only requires mild augmentation with fresh polymer and HydroCUT to restore the fluid to specification for immediate reuse. This is typically achieved in a continuous loop without interruption to slurry circulation or the mill or cutter's excavation rates. The contractor realizes considerable improvements in productivity coupled with notable positive

HydroCUT is added to the PolyCUT system at a rate of ½ to 1 kilogram for every 2 kilograms of PolyCUT.

KB's HydroCUT technology is environmentally friendly and readily disposed to municipal sewer systems. At the completion of a project any remaining HydroCUT fluid is typically discharged under permit to the local municipal waste system. In many cases it may even be discharged directly to the construction site under the owner's or general contractor's permit for site water disposal. There is no need to truck the remaining slurry off to a landfill or other disposal site. If the slurry's viscosity requires lowering, this can be done by dilution with locally available water (pond, run off, river, ocean, etc.) or by the addition of a small quantity of a decomposition product.



Packaging:

25 kilo / 55 lb. poly bags.

Availability:

HydroCUT is available from KB International's warehouses worldwide.
Please call for availability in your area.



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